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(54) Title: A STEEL COMPOSITION FOR THE PRODUCTION OF COLD ROLLED MULTIPHASE STEEL PRODUCTS

(57) **Abstract:** The present invention is related to a steel composition intended to be used in a process comprising a cold rolling step, for the production of uncoated, electro-galvanised or hot dip galvanised TRIP steel products, said composition being characterised by a specific addition of phosphorus. The latter is added in order to reach the desired mechanical properties (high tensile strength in combination with high elongation) while keeping a good weldability by sufficiently reducing the carbon content. The invention is further related to a process for producing a steel product, and to said steel product obtained, said product having the composition of the invention.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 02, 29 February 2000 (2000-02-29) -& JP 11 315328 A (NIPPON STEEL CORP), 16 November 1999 (1999-11-16) example E; table 1 paragraphs '0001!, '0032! abstract	1-8
Y	---	9-19 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 154 028 A (CORUS STAAL BV) 14 November 2001 (2001-11-14) abstract paragraphs '0001!, '0002!, '0011!, '0038!, '0074! paragraph '0043!; table 1 paragraph '0045! - paragraph '0046!; example 1 paragraph '0064! - paragraph '0065!; example 2 paragraph '0067! - paragraph '0070!; example 3 claims 12-15 examples C,D,F; tables 1,2,5,6 ---	9-19
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